

**UNIFORM HAZARDOUS  
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

CAD086510005 85799

of 1

3. Generator's Name and Mailing Address

Douglas Aircraft Company, Attn: Rob Tuell  
19503 South Normandie Avenue, Torrance, CA 90502

A. State Manifest Document Number

93385799

B. State Generator's ID

HAHQ36005698

C. State Transporter's ID

423503

D. Transporter's Phone

(310) 518-4700

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

(213) 588-7111

4. Generator's Phone (310) 533-7926 or (310) 533-7231

5. Transporter 1 Company Name

6. US EPA ID Number

Laidlaw Environmental Services of CA, Inc. CAD0000083121

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

Norris Environmental Services  
5215 South Boyle Avenue  
Los Angeles, CA 90058

10. US EPA ID Number

CAD097030993

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

13. Total Quantity

14. Unit Wt/Vol

I. Waste Number

RQ, Waste chromic acid solution, 8, UN1755, PG II  
(D002, D007)

001 TT

10090

P

State 792

EPA/Other D002

b.

State

EPA/Other

c.

State

EPA/Other

d.

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

11a. E0106200105CH Tank 195. Additional Codes D007 & 723  
Chromic acid 4-7%  
Water 93-96%

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

24 Hour emergency telephone number (800) 424-9300 (Chemtrec). DOT ERG# 11a) 60

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable federal, state and international laws.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Robert G. Tuell, Jr.

Signature

Robert G. Tuell, Jr.

Month Day Year

06 15 94

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

De-Louis VARNADO

Signature

De-Louis Varnado

Month Day Year

06 15 94

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

DO NOT WRITE BELOW THIS LINE.

Generator Name: Douglas Aircraft Co.EPA ID Number: CAD086510005Manifest Number: 85799/93385799Date of Shipment: 6/15/94Indicate Waste Line Item (11): a

This notification is hereby submitted to NORRIS ENVIRONMENTAL SERVICES in compliance with EPA regulations described in 40 CFR Part 268 which prohibit the land disposal of certain hazardous wastes, unless these wastes are treated to meet specified standards or treated using specified treatment technologies.

I have marked the appropriate box(es) below, which indicates how my waste must be managed to conform to land disposal ban and federal regulations.

California List Wastes NotificationRCRA Land Disposal Notification

- ☐ Liquid hazardous waste including free liquids associated with any solid or sludge containing free cyanide at concentrations greater than or equal to 1000mg/L.

Treatment Standard-Cyanide Destruction Stabilization

- ☒ Liquid hazardous wastes, including free liquids associated with any solid or sludge, containing the following metals (or elements) at concentrations greater than or equal to those specified below:

Treatment Standard-Neutralization, Precipitation: Metals Recovery

(check those that apply)

- |   |             |
|---|-------------|
| <input type="checkbox"/> Arsenic and/or compounds (as As)                     | 5.0 mg/L:   |
| <input type="checkbox"/> Barium and/or compounds (as Ba)                      | 100.0 mg/L: |
| <input type="checkbox"/> Cadmium and/or compounds (as Cd)                     | 1.0 mg/L:   |
| <input checked="" type="checkbox"/> Chromium (VI) and/or compounds as Cr (VI) | 5.0 mg/L:   |
| <input type="checkbox"/> Lead and/or compounds (as Pb)                        | 5.0 mg/L:   |
| <input type="checkbox"/> Mercury and/or compounds (as Hg)                     | 0.2 mg/L:   |
| <input type="checkbox"/> Selenium and/or compounds (as Se)                    | 1.0 mg/L:   |
| <input type="checkbox"/> Silver and/or compounds (as Ag)                      | 5.0 mg/L:   |
- ☐ Liquid hazardous wastes that are primarily water and contain halogenated organic compounds (HOCs) in total concentration greater than or equal to 1,000 mg/L and less than 10,000 mg/L HOCs (see attached listing of HOC constituents)

Treatment Standard-Carbon Absorption Steam Stripping

- ☐ Liquid hazardous wastes containing polychlorinated biphenyls (PCBs) at concentrations greater than or equal to 50 ppm.

Treatment Standard-Incineration, high efficiency boiler, other thermal treatment

- ☒ Liquid hazardous wastes having a pH less than or equal to two(2) or pH equal to or greater than 12.5.

Treatment Standard-Neutralization Stabilization

- ☐ The spent solvent wastes specified in 40 CFR 261.31 as EPA Hazardous Wastes Nos F001, F002, F003, F004 and F005.

Treatment Standard-Specify technology used to meet Table CCWE. Check constituent(s) on Table CCWE which were reduced below treatment standards

The most recent copy of waste analysis or a description of the knowledge upon which this notification is based is attached. I hereby certify that all information submitted in this and all associated documents is complete and accurate to the best of my knowledge and information.

Print Name Robert G. Tuell, Jr.Title Senior Plant EngineerDate 06-15-94Robert G. Tuell, Jr.(310) 533-7926Waste Requires Treatment

- ☒ I am the initial generator of an untreated waste identified above which must be treated in the appropriate treatment standard set forth in 40 CFR 268 Subpart D, or where treatment standard exists for the California List Waste, the waste must be treated to the levels specified under 40 CFR 268.32.

Waste Treated to Performance Standards

- ☐ The waste identified above has been treated in compliance with the applicable performance standards specified in 40 CFR 268 Subpart D and/or the applicable prohibitions set forth in 40 CFR 268.32. "I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(s) without dilutions of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

Waste Subject to Variance

- ☐ The waste identified above is subject to a case-by-case extension under 40 CFR 268.5, a no-migration petition under 40 CFR 268.6, a nationwide variance under Subpart C, or is soil or debris generated from a response action taken under CERCLA or corrective action under RCRA.

### INITIAL ISOLATION PROTECTION TABLES FOR SELECTED HAZARDOUS MATERIALS

The table gives suggested distances for ISOLATING unprotected people from spill areas involving the hazardous materials shown, **IF THE LISTED MATERIAL IS NOT ON FIRE**. If the material is on fire, refer to the 2-digit Guide.

These materials were selected because their vapors have the potential to produce poisonous effects. The table is useful for no more than the first 30 minutes of an incident involving these materials. There are several good reasons for suggesting that the use of the table be limited specifically to the initial phase of a **no-fire** spill incident during transport.

## D.O.T. EMERGENCY RESPONSE GUIDE 60

### TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES

USE THIS TABLE WHEN THE MATERIAL IS <u>NOT</u> ON FIRE.		SMALL SPILLS (Leak or spill from a small package or small leak from a large package.)		LARGE SPILLS (Leak or spill from a large package or spill from many small packages.)	
ID No.	NAME OF MATERIAL	First ISOLATE in all directions-- (Feet)	Then, PROTECT those persons in the DOWNWIND direction-- (Miles)	First ISOLATE in all directions-- (Feet)	Then, PROTECT those persons in the DOWNWIND direction-- (Miles)

No chemicals appear in Table of Isolation and Protective Action Distances which are assigned to this Guide number.

If the chemical name and ID Number the shipper entered on the front of this form match a name from this list, **and NO FIRE exists**, you must:

determine if the incident involves a small or large spill; look up the isolation distance; (Direct all person to move in a crosswind direction, away from the spill, to that distance.) look up the initial PROTECTIVE ACTION DISTANCE in the table. (For practical purposes, the Protective Action Zone is a square whose length and width are the same as the downwind distance shown in the table.)

#### WHEN APPROACHING THE SCENE OF AN ACCIDENT INVOLVING ANY CARGO (NOT ONLY REGULATED HAZARDOUS MATERIALS):

- APPROACH INCIDENT FROM AN UPWIND DIRECTION, IF POSSIBLE
- MOVE AND KEEP PEOPLE AWAY FROM INCIDENT SCENE
- DO NOT WALK INTO OR TOUCH ANY SPILLED MATERIAL
- AVOID INHALING FUMES, SMOKE AND VAPORS EVEN IF NO HAZARDOUS MATERIALS ARE INVOLVED
- DO NOT ASSUME THAT GASES OR VAPORS ARE HARMLESS BECAUSE OF LACK OF SMELL—ODORLESS GASES OR VAPORS MAY BE HARMFUL

As a first responder at the scene of a hazardous materials incident, seek additional and more specific information about any material in question as soon as possible. This Guide Page is not intended for use during the cleanup phase for spilled materials, nor should it be used to determine compliance with any regulations. This information on this Emergency Response Form should be augmented by expert technical advice as soon as you have assessed the situation and have seen to the immediate needs of the people involved.

FOR FURTHER INFORMATION REFER TO DOT P 5800.5 (EMERGENCY RESPONSE GUIDEBOOK) AND TITLE 49 CODE OF FEDERAL REGULATIONS.



(FOLD ON DOTTED LINE—STAPLE TO HAZARDOUS MATERIALS SHIPPING PAPER)

Use basic description and technical name as described in 49 CFR 172.202 and 172.203 (K).

Basic Description: \_\_\_\_\_

Technical Name(s): \_\_\_\_\_

EMERGENCY  
RESPONSE  
GUIDE  
FORM

24 hr. Emergency Contact Tel. No.: \_\_\_\_\_

## DOT EMERGENCY RESPONSE GUIDE 60

### POTENTIAL HAZARDS

#### HEALTH HAZARDS

Contact causes burns to skin and eyes.  
If inhaled, may be harmful.  
Fire may produce irritating or poisonous gases.  
Runoff from fire control or dilution water may cause pollution.

#### FIRE OR EXPLOSION

Some of these materials may burn, but none of them ignites readily.  
Flammable/poisonous gases may accumulate in tanks and hopper cars.  
Some of these materials may ignite combustibles (wood, paper, oil, etc.)

### EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry.  
Stay upwind; keep out of low areas.  
Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.  
**CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE.**  
If water pollution occurs, notify the appropriate authorities.

#### FIRE

Some of these materials may react violently with water.  
**Small Fires:** Dry chemical, CO<sub>2</sub>, water spray or regular foam.  
**Large Fires:** Water spray, fog or regular foam.  
Move container from fire area if you can do it without risk.  
Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks.

#### SPILL OR LEAK

Do not touch or walk through spilled material; stop leak if you can do it without risk.  
**Small Spills:** Take up with sand or other noncombustible absorbent material and place into containers for later disposal.  
**Small Dry Spills:** With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.  
**Large Spills:** Dike far ahead of liquid spill for later disposal.

#### FIRST AID

Move victim to fresh air; call emergency medical care.  
In case of contact with material, immediately flush skin or eyes with running water for at least 15 minutes.  
Remove and isolate contaminated clothing and shoes at the site.  
Keep victim quiet and maintain normal body temperature.

Information on this Guide Page is from the 1990 Emergency Response Guidebook Dot P 5800.5. It applies only to the basic Description and Technical Name entered by the shipper at the top of this form.

Check to see whether the shipper commodity (Basic description entered at the top of this form) is listed by I.D.# and NAME OF THE MATERIAL in the Table of Initial Isolation and Protective Action Distances. This Table is partially reproduced on the back of this Guide Page to reflect only commodities assigned to this Guide Number. Use this information from the table in addition to the Guide Page **IF THERE IS NO FIRE.**

**READ AND CHECK THE NAMES AND NUMBERS CAREFULLY BECAUSE COMPLETELY DIFFERENT HAZARDOUS MATERIALS CAN HAVE NAMES AND/OR NUMBERS WHICH ARE ALMOST THE SAME!**

WEIGHT TICKET

VENDOR: Laidlaw

TRUCK #: 16039

DATE: 6-15-99

CONTENTS: Tank 195 - Chromic Acid Anodizing Solution

DISPOSAL FACILITY: Norris

DRIVER: [Signature]

GROSS 43530 P

TARE 33440 P

NET 10090 P

DRUM COUNT:       

GALLONS:       

STATE MANIFEST, DOCUMENT NUMBER: 85799/93385799



SERVICE ORDER 92-79073  
JOB NO. 240120  
DATE 6/15/94

TRANSPORTATION SERVICE ORDER

Transportation ID #: CAD000083121

- ☐ 4501 Pacheco Blvd.  
Martinez, CA 94553  
(510) 372-4800
- ☐ 3237 Patton Way  
Bakersfield, CA 93308  
(805) 835-5801 or  
(805) 589-4970
- ☒ 221 E. "D" Street  
Wilmington, CA 90744  
(310) 518-4700

Customer Name: DOUGLAS AIRCRAFT Telephone: \_\_\_\_\_  
Billing Address: \_\_\_\_\_ Contact Person: \_\_\_\_\_  
City: TORRANCE State CA BOE #: \_\_\_\_\_  
Job Location: 190TH X NORMANDIE Destination: NORRIS PO# 7623  
Type of Material: CHROMIC ACID Sales Person: \_\_\_\_\_  
Generator: \_\_\_\_\_ EPA Number: \_\_\_\_\_  
Generator ID Number (State): \_\_\_\_\_ Facility EPA NO.: \_\_\_\_\_  
Disposal: LES Facility \_\_\_\_\_ Outside Facility \_\_\_\_\_ None \_\_\_\_\_ Customer P.O. 27064-H6079  
Manifest # 93385799 # \_\_\_\_\_ # \_\_\_\_\_  
Services Performed \_\_\_\_\_

PLU LOAD CHROMIC ACID HAUL TO NORRIS

Start Miles: 153491 End Miles: \_\_\_\_\_ Total Miles: \_\_\_\_\_  
Truck No.: 16039 Trailer No.: 16040SV Net Wgt: \_\_\_\_\_  
Capacity: \_\_\_\_\_  
Driver Time: Start (AM/PM) 0715 Am Stop (AM/PM) \_\_\_\_\_ Gross Time \_\_\_\_\_  
Meals: Start Time (AM/PM) \_\_\_\_\_ Stop (AM/PM) \_\_\_\_\_ Less Time \_\_\_\_\_  
Other Time \_\_\_\_\_ Detail \_\_\_\_\_ Adj. Time \_\_\_\_\_  
Driver's Name DeLuis... Driver No. \_\_\_\_\_ Total Time \_\_\_\_\_  
Customer Site: Time In 0800 Am Disposal Site: Time In \_\_\_\_\_ Time In \_\_\_\_\_  
Time Out 1030 Am Time Out \_\_\_\_\_ Time Out \_\_\_\_\_  
Explanation of Time: \_\_\_\_\_

CUSTOMER AUTHORIZATION AND APPROVAL SIGNATURE: Robert G. Truell, Jr.

FOR ACCOUNTING ONLY

PROD CODE	DESCRIPTION	QTY	UOM	RATE	EXT	PROD CODE	DESCRIPTION	QTY	UOM	RATE	EXT
14000	TRANS		ST			24015	HAZ SOLIDS				
14000	TRANS		OT			24015	N/HAZ SOLIDS				
14000	TRANS		DT			24010	HAZ LIQUIDS				
	2ND DRIVER					24010	N/HAZ LIQUIDS				
	SUBHAULER					24020	DRUMS				
54045	LABOR					24025	SOLID SURCHG				
94065	BIN RENTAL					24025	STABILIZATION				
14000	TRANS (NO DISP)					24025	LIQ SURCHG				
4000	WASHOUT						TAXES				
14000	SCALE/CERTS						TAXES				
14000	SUBSISTENCE					34035	ANALYTICAL				
74055	TOLLS					74055	MISC CHARGES				
90465	TYVEK					74055	MISC CHARGES				
90465	BOOTS										
90465	GOGGLES										
90465	GLOVES										
90465	BIN LINERS										
70455	OTHERS										